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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE: 11-08-91

FROM: Steve Faryan and Charles Gebien, OSCs, Region V, Chicago, IL

TO: S. Luftig - Attn. T. Johnson, U.S. EPA, Wash D.C., OS-210 (EPA5511)
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SUBJECT: Driscoll & Company, Inc site, Chicago, Cook County, IL
D.O. # 7460-05-196, Site ID# NP
TIME PERIOD: 11-01-91 through 11-07-91
POLREP# 5

SITUATION: Driscoll and Company, Inc is located at 3145 West Grand Avenue in Chicago, Illinois. This site is an abandoned electroplating facility comprising of two buildings. Both the buildings contained electroplating vats, tanks and drums with various chemicals in them. In addition, the southern building also contained several lab chemicals. Site assessment by OSC, S. Faryan and Technical Assistance Team has revealed cyanide concentrations upto 9,700 ppm, chromium concentrations upto 10,500 ppm, and nickel concentrations upto 457,000 ppm. The U.S. EPA initiated an immediate removal action at this site on September 3, 1991. Phase 1 of this removal action involved compatibility testing of various samples and phase 2 involves removal of all the hazardous wastes on-site. Phase 1 activities concluded on 10-1-91. Phase 2 activities began on 10-15-91 and are continuing.

ACTIONS
TAKEN:

- 1) OHM crew is involved in removing non-hazardous debris and metal scrap. Crew is also involved in cutting empty drums and loading them into the special waste roll-off box.
- 2) On 10-31-91, approximately 900 gallons of organic liquid was shipped to Clark Processing facility in Dayton, Ohio. This load was accepted on November 1.
- 3) On 11-01-91, one 20 yd³ roll off box containing special waste, metal and debris was removed and disposed of at CID Landfill in Calumet City.
- 4) A cyanide sludge sample was sent to Heritage Environmental Services on 11-04-91 and a base/neutral solid sample was sent to cyanokem facility on 11-04-91 for their quotes on disposal.
- 5) On 11-06-91, twenty (20) tons of kiln dust was shipped to the

site for use as a stabilizing agent.

- 6) OHM crew completed bulking all base/neutral liquids into the frac tank on November 4.
- 7) OHM chemist completed bulking all lab chemicals on November 4, and demobed on the same day.
- 8) Cyanide sludge and base/neutral solid samples were shipped to OHM on 11-06-91, for LDR (Land Disposal Restriction) treatability studies.
- 9) On 11-07-91, twenty three (23) 55-gallon drums containing approximately 1,265 gallons of acid liquids were shipped to MRS disposal facility in Roseville, MN.
- 10) On 11-07-91, approximately 4,000 gallons of high concentration cyanide liquid was shipped to MRS disposal facility in Roseville, Minnesota.

FUTURE

TIONS:

- 1) All special waste debris will be removed and disposed of.
- 2) Base/neutral, caustic and miscellaneous waste groups will be disposed off-site at the selected disposal facilities.
- 3) All cyanide sludges from the bottom of the vats, tanks and drums will be bulked with the floor sweepings. This bulked group will be treated on-site with hypochlorite and cement or kiln dust if the OHM treatability study indicates that the LDR standards can be achieved in a cost effective manner.
- 4) All base/neutral sludges will be bulked and stabilized on-site if the OHM treatability study indicates that the LDR standards can be achieved in a cost effective manner.
- 5) After removing liquids and solids, the vats and tanks will be decontaminated, dismantled, and then recycled as scrap or disposed of as special waste.
- 6) All the empty drums will be cut/crushed and recycled as scrap metal or as special waste.
- 7) All the structures and floors of the site buildings will be decontaminated with water.
- 8) Loose asbestos and bags of asbestos will be removed and disposed.

COSTS:	TOTAL TO DATE	CEILING
	ERCS \$ 345,324.67	750,000.00*
	TAT \$ 38,222.80	55,000.00
	EPA \$ 9,615.00	9,000.00

* Includes await bills

STATUS: Pending

Attachment: Waste disposal summary table

WASTE DISPOSAL SUMMARY TABLEDRISCOLL & COMPANY, INC

WASTE CATEGORY	QUANTITY	DATE SHIPPED	MANIFEST NUMBER	DISPOSAL METHOD	FACILITY, LOCATION
SPECIAL WASTE, METAL & DEBRIS	20 YD ³	10/18/91	00001	LANDFILL	CWM/CID, CALUMET, IL
SPECIAL WASTE, METAL & DEBRIS	20 YD ³	10/22/91	00002	LANDFILL	CWM/CID, CALUMET, IL
SPECIAL WASTE, METAL & DEBRIS	20 YD ³	10/25/91	00003	LANDFILL	CWM/CID, CALUMET, IL
CHROMIC ACID F002, D007	3,000 GAL	10/29/91	00004	TREATMENT	CYANOKEM, DETROIT, MI
LOW CONC. CN LIQUID, F007	3,350 GAL	10/30/91	00005	TREATMENT	CYANOKEM, DETROIT, MI
LOW CONC. CN LIQUID, F007	2,600 GAL	10/31/91	00006	TREATMENT	CYANOKEM, DETRIOT, MI
ORGANIC LIQUID D040	900 GAL	10/31/91	00007	TREATMENT	CLARK PROCESS- ING, DAYTON, OH
SPECIAL WASTE, METAL & DEBRIS	20 YD ³	11/01/91	00008	LANDFILL	CWM/CID, CALUMET, IL
CID LIQUID D01, D002	1,265 GAL	11/07/91	00009	TREATMENT	MRS, ROSEVILLE, MN
HIGH CONC. CN LIQUID, F007	4,000 GAL	11/07/91	00010	TREATMENT	MRS, ROSEVILLE, MN